

Date: Sun, 17 Apr 94 02:00:22 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #425
To: Info-Hams

Info-Hams Digest Sun, 17 Apr 94 Volume 94 : Issue 425

Today's Topics:

 Amatuer TV??? (2 msgs)
 amcomm s225 and yeasu ft23
 Batteries LEAKED! Please HELP!!!
 Callbook on line? (2 msgs)
 Call Sign Question?
 IPS Daily Report - 16 April 94
 mods for th-78a????
 Proposed Illinois law to pre-empt antenna restrictions (2 msgs)
 STOP SENDING HAMS ON USENET CRAP !!!
 What's the best freq for underground radio? (2 msgs)
 Working AO-21 with TH-78A

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 16 Apr 1994 22:47:27 -0400
From: ihnp4.ucsd.edu!swrinde!gatech!mailer.acns.fsu.edu!freenet3.scri.fsu.edu!
freenet3.scri.fsu.edu!not-for-mail@network.ucsd.edu
Subject: Amatuer TV???
To: info-hams@ucsd.edu

there was a short little article in thismonths/last months Camcorder
magazine that talked about ATV.

any comments on the subject? I know almost nothing about HAM, but I
may have a Cable access TV show within a year or so, and am
wondering of other ways of getting it out.

--

we're Gwar,
we'll go real far,
we've got guitars!!!
We'll eat your car... GWAR :>

Date: 17 Apr 1994 04:23:52 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!usenet.ins.cwru.edu!odin!
trier@network.ucsd.edu
Subject: Amatuer TV???
To: info-hams@ucsd.edu

In article <2oq7vv\$s5t@freenet3.scri.fsu.edu>,
Jerimiah Geronimo Gentry <geron@freenet3.scri.fsu.edu> wrote:
>I know almost nothing about HAM, but I may have a Cable access TV show
>within a year or so, and am wondering of other ways of getting it out.

Amateur TV exists and seems to be growing in popularity. ATVers
primarily communicate two-way with other amateurs. ATV can be used in
that role as a sort of video phone over the air. One-way
communications (transmitting a signal that isn't part of a
conversation) is restricted to only certain special cases, and
broadcasting is prohibited. Ham transmissions must give station
identification a bit more than once every 10 minutes, and no music is
allowed. The hams involved may not gain pecuniary benefit from the
transmission, so any sort of business communications is out, period.

ATV is not conventional commercial or public TV broadcasting. I
think ATV will not be of much use to your cable TV show.

If ATV sounds like fun anyway, you should get your Technician class ham
license. It's the usual entry-level license these days. Books to
introduce you to ham radio and prepare you for the license exam are
available from Radio Shack, bookstores, and ham radio stores.

Stephen

--

Stephen Trier KB8PWA "It don't mean a thing if it ain't got that
Other: trier@ins.cwru.edu certain je ne sais quoi."
Home: sct@po.cwru.edu - Peter Schickele

Date: Thu, 14 Apr 1994 13:36:02

From: ncrwg2.ncr.com!ncrhub2!jupiter.WichitaKS.NCR.COM!WichitaKS.NCR.COM!
kthompso@uunet.uu.net
Subject: amcomm s225 and yeasu ft23
To: info-hams@ucsd.edu

First a question about the amcomm s225.
This is a mobile unit from the mid-'70s.
Recv seems ok but the TX is off by +2.8kHz.
I have the schematics but it is an unusual design.
Anyone have any experience with this model or
willing to make some suggestions if I send a copy of the schematic?

Second I would like to investigate a noise problem on transmitted audio from
the ft-23 while using an external mike. Does anyone have a service manual
and/or schematic of which they would be willing to send copies?

Ken.

Date: 15 Apr 94 22:22:42 -0500
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!lerc.nasa.gov!
magnus.acs.ohio-state.edu!cis.ohio-state.edu!pacific.mps.ohio-state.edu!
ohstpy.mps.ohio-state.edu!kenyon.edu!@@ihnp4.ucsd.edu
Subject: Batteries LEAKED! Please HELP!!!
To: info-hams@ucsd.edu

I seem to have a serious problem. My girlfriend mistakenly unplugged
my Pro 43 with normal energizer batteries and placed the plug in the
charge jack. To cut to the chase, my batteries leaked a bit. Fortunately
the scanner was in an upright position so it did not leak "up" too far.
I just discovered this, but decided to take off the back cover before
I proceeded. The acid has discolored the bottom circuit board (the one
on the side facing the keypad just below the battery contacts (where they
connect)).

How do I get the acid stabalized and hope fully removed?

Please e-mail suggestions to me asap because our newsreader downloads news
packs once or twice a day. I believe time is of the essence.

Carter

boothc@kenyon.edu

Date: 16 Apr 1994 17:00:44 -0400
From: ihnp4.ucsd.edu!swrinde!gatech!mailer.acns.fsu.edu!freenet3.scri.fsu.edu!
freenet3.scri.fsu.edu!not-for-mail@network.ucsd.edu
Subject: Callbook on line?
To: info-hams@ucsd.edu

Yes there is a Call Book on Line through the Buffalo Free Net, But
you must first register with the free net at present time is free.

First check in as visitor, At Login Type "freeport" then go to
Administration and follow the instructions. Works great.
Internet Address: freenet.buffalo.edu also try freenet.acsu.buffalo.edu

--
Piran Mohazzabi
piran@freenet.fsu.edu

Date: 17 Apr 1994 01:10:41 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!usenet.ins.cwru.edu!odin!
trier@network.ucsd.edu
Subject: Callbook on line?
To: info-hams@ucsd.edu

In article <1994Apr8.094153.112@hccw.com>, <david@hccw.com> wrote:
>Is there an online server where I can send EMail containing someones
>call sign and have it return their name and address?

I have not heard of an e-mail online callbook, though that is a great
idea. The following three sites have telnetable online callbooks.
Note that you must telnet to the right port in order to access the
callbook. See your telnet documentation if you aren't sure how to
specify the port on your host.

Where	Domain Name	Port
SUNY Buffalo	callsign.cs.buffalo.edu	2000
RISCnet	ns.risc.net	23 (login "hamradio")
Univ. Southwestern Louisiana	pc.usl.edu	2000

Stephen

--
Stephen Trier KB8PWA "It don't mean a thing if it ain't got that
Other: trier@ins.cwru.edu certain je ne sais quoi."
Home: sct@po.cwru.edu - Peter Schickele

Date: Fri, 15 Apr 1994 21:08:27 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!pipex!sunic!psinntp!psinntp!
bnlux1.bnl.gov!natoli@network.ucsd.edu
Subject: Call Sign Question?
To: info-hams@ucsd.edu

Does anyone know how long it takes for a given
identifier to "run out" for area 2 (NYS etc.)
Or does anyone know where (if) the FCC keeps that
kind of info online. I looked in ftp.fcc.gov but
didn't come up with anything close.

What we are looking for is how long the original
W2,K2,WA2,WB2 etc. lasted vs. the current string
(whatever that may be) Tnx in advance.

Tony natoli@bnlux1.bnl.gov

Date: Sat, 16 Apr 1994 23:08:55 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!pipex!sunic!trane.uninett.no!
nac.no!ifi.uio.no!wabbit.cc.uow.edu.au!news.ci.com.au!metro!ipso!
rwc@network.ucsd.edu
Subject: IPS Daily Report - 16 April 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 16/2330Z APRIL 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 16 APRIL AND FORECAST UP TO 19 APRIL

IPS Warning 11 was issued on 15 April and is current
for interval April 17-20 (coronal hole).

1A. SOLAR SUMMARY
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 082/023

1B. SOLAR FORECAST

	17 April	18 April	19 April
Activity	Very low	Very low	Very low

Fadeouts None expected None expected None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 085/027

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: mostly unsettled, with one minor storm period.

Estimated Indices :	A	K	Observed A Index 15 April
Learmonth	19	3333 3353	
Fredericksburg	16		15
Planetary	23		16

Observed Kp for 15 April: 4333 3334

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
17 Apr	35	Active to minor storm.
18 Apr	35	Active to minor storm.
19 Apr	20	Unsettled to active.

2C. MAGNETIC COMMENT

Coronal hole disturbance expected April 17-18.

3A. GLOBAL HF PROPAGATION SUMMARY

DATE	LATITUDE BAND		
	LOW	MIDDLE	HIGH
16 Apr	normal	normal	fair-normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

DATE	LATITUDE BAND		
	LOW	MIDDLE	HIGH
17 Apr	fair	poor	poor
18 Apr	fair	poor	poor
19 Apr	normal	fair	poor

3C. GLOBAL HF PROPAGATION COMMENT

Fair-Poor HF comms quality expected at times over next two days.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values

Observed T index for 16 April: 38

Predicted Monthly T Index for April is 40.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
17 Apr	30	10 to 15% below predicted monthly values.
18 Apr	10	10 to 20% below predicted monthly values.
19 Apr	20	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

Degraded HF comms expected on April 18.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au fax: +61 2 4148331	PO Box 5606
RWC Duty Forecaster tel: +61 2 4148329	West Chatswood NSW 2057
Recorded Message tel: +61 2 4148330	AUSTRALIA

Date: 16 Apr 94 19:38:00 GMT
From: netcomsv!netcomsv!eabbs!brad.whitmire@decwrl.dec.com
Subject: mods for th-78a????
To: info-hams@ucsd.edu

>

>Does anyone happen to have the mods for the th-78a?

>--

I have a couple of files that describe all the mods for the TH-78A.
If interested, let me know wherre to send them. E-Mail preferred. I
dont know how to send files on Internet, but I do have compuserve and AOL.
KE6FY0

* UniQWK v2.0 * The Windows Mail Reader

Date: 16 Apr 1994 14:15:38 -0700
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!paris.ics.uci.edu!not-for-mail@network.ucsd.edu
Subject: Proposed Illinois law to pre-empt antenna restrictions
To: info-hams@ucsd.edu

Just a quick comment.

Date: 16 Apr 1994 14:25:10 -0700
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!csulb.edu!paris.ics.uci.edu!not-for-mail@network.ucsd.edu
Subject: Proposed Illinois law to pre-empt antenna restrictions
To: info-hams@ucsd.edu

One more thing.....

I believe it would be a GOOD thing for States and municipalities to legislate WITHIN their own realms CLEARLY on the topic of the safety of radio towers and the regulations to get permits. This is the job of the State and it needs to legislate there. If a law is proposed to clarify such regulations and to give the ham a fair shot (according to the latest and best interpretation of PRB-1) at specific height limitations, etc., they might help the situation. However, the FCC never really gave us a handle on that with PRB-1, the text gives no clue on what constitutes "reasonable", and thus a lot of Court cases running around.

Shoot, if I was on the Supreme Court, I'd fix this mess and we would all enjoy a more realistic balance of Amateur Radio antenna rights versus the health and safety of the public.

Clark
WA3JPG

Date: Sat, 16 Apr 94 14:08:17 PDT
From: ihnp4.ucsd.edu!library.ucla.edu!news.mic.ucla.edu!unixg.ubc.ca!nntp.cs.ubc.ca!mala.bc.ca!oneb!ham!emd@network.ucsd.edu
Subject: STOP SENDING HAMS ON USENET CRAP !!!
To: info-hams@ucsd.edu

jeg7e@Hopper.itc.Virginia.EDU (Jon Gefaell) writes:

> In article <cZsJkc3w165w@ham.almanac.bc.ca>, <emd@ham.almanac.bc.ca> wrote:
> >gilbaronw0mn@delphi.com (Gilbert Baron) writes:
> >
> >It does tend to tee off those of us with different software which
> >clutters up a hard drive with ten copies of the message if it's cross
> >posted to ten newsgroups. (And it only aggravates things when they sneer
> >at your "broken" software).
>
> Your software is broken, get it fixed.

This is exactly the sort of reaction I predicted. My software is NOT broken - it operates differently from yours. I have accepted that it

operates differently and that I need to compensate for that by having more disk space available.

Sure, if I threw away my computer, converted to Unix, and got cnews running, I could avoid all that. For lots of reasons I'm not going to do that, and neither are lots of others.

Condescending attitudes like this aren't at all helpful to anyone.

Robert Smits	There is *no* idiotproof filter.
VE7EMD	Idiots are proof against anything!
Ladysmith B.C.	- Richard Chycoski, VE7CVS
e-mail: emd@ham.almanac.bc.ca	

Date: Sat, 16 Apr 1994 18:26:07 GMT
From: agate!howland.reston.ans.net!torn!nott!cunews!freenet.carleton.ca!
FreeNet.Carleton.CA!ab718@ames.arpa
Subject: What's the best freq for underground radio?
To: info-hams@ucsd.edu

In a previous article, ez045506@dale.ucdavis.edu (Timothy McNulty) says:

>Question: What would be the best band for radio communication inside
>of caves. I've only tried 2 meters at 5w and had limited success.
>Would 6 meters be any better, 10 meters? On two meters I can get
>reasonable propagation down long tunnels and through a squeeze or two.
>I'm assuming that the signals are doing a lot of bouncing around off of
>the rock walls down there. Also, some caves seem to be a lot better
>than others.

I once saw a documentary on TV where they were modulating a magnetic field (an electro magnet). They said that magnatic flux travels better through rocks than RF.

Dan
VE3DCL
--

Date: Sat, 16 Apr 94 14:59:18 -0500
From: yale.edu!noc.near.net!news.delphi.com!usenet@yale.arpa
Subject: What's the best freq for underground radio?
To: info-hams@ucsd.edu

Timothy McNulty <ez045506@dale.ucdavis.edu> writes:

>Question: What would be the best band for radio communication inside
>of caves. I've only tried 2 meters at 5w and had limited success.
>Would 6 meters be any better, 10 meters? On two meters I can get
>reasonable propagation down long tunnels and through a squeeze or two.

Timothy --

I've never tried spelunking, much less spelunking and hamming at the same time, but I suspect you'd be better off with something in the 1.2 GHz range than attempting to go lower in frequency. I've never operated it, but I understand that 1.2 GHz is popular in places like New York City, because of the tendency of emissions of this frequency to bounce around inside of a skyscraper until they find their way out. But don't go out and buy new gear on my say-so!

73 de Lee/KE3FB in Md.
leevankoten@delphi.com

Date: Sat, 16 Apr 1994 18:44:17 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!torn!nott!cunews!
freenet.carleton.ca!FreeNet.Carleton.CA!ab718@network.ucsd.edu
Subject: Working A0-21 with TH-78A
To: info-hams@ucsd.edu

In a previous article, greg@core.rose.hp.com (Greg Dolkas) says:

>John Boudreau (ve8ev@gov.nt.ca) wrote:

>:

>: The A0-21 satellite boasts a fine AFC on the uplink receiver.
>: Working the satellite with your TH-78A set to 435.0125 should not
>: be a problem, although as the satellite move farther away from you
>: it may take a half second or so for the AFC to lock on your signal
>: when you transmit.

>: 73

>: John Boudreau

>: VE8EV

>

>Can you really work A0-21 from a handheld? I've tried using my Yaesu 767GX
>(10 watts) into an 8 element Quagi, with not even a hint of a change in the
>downlink static.

>

>Am I doing something wrong? I had the uplink tuned to 435.016, and even tried
>to move it around a little (+/- 5khz or so). Judging from the conversations
>I hear on the bird, most folks seem to have complete OCSAR setups with BIG
>antennae and lots of power (100w range).

>
>Greg KD6KGW
>
>p.s. I've also not had any luck with F0-20, but I've made dozens of contacts
>on RS-10.

A0-21 is just like a repeater. Who ever has the strongest signal has the
repeater. It's a fact of FM. I've often heard around after 00:00 mobile
operators on the bird. After midnight there are usually less operators
trying to get through.

Good luck
Daniel VE3DCL
--

Date: Sun, 17 Apr 1994 00:57:41 GMT
From: ihnp4.ucsd.edu!pacbell.com!att-out!walter!dancer.cc.bellcore.com!not-for-
mail@network.ucsd.edu
To: info-hams@ucsd.edu

References <765648032.AA04784@psybbs.durham.nc.us>, <2o41f4\$1b5@news.iastate.edu>,
<randall.766446966@informix.com>
Subject : Re: 6m Equipment?

In article <randall.766446966@informix.com>,
Randall Rhea <randall@atlas.informix.com> wrote:
> THE SIX METER AMATEUR RADIO BAND
> FREQUENTLY ASKED QUESTIONS

Very nice overview document. It should become part of the archives
and/or FTP available material.

> IS FM USED ON 6M? Yes, but not that often in most areas. Most 6m
> enthusiasts use only SSB and sometimes CW. The main FM simplex
> frequency is 52.525 MHz. Your local range is better on 6m with the
> same power and a similar antenna. If 2m is too crowded in your
> area, the FM portion of 6m may be just the solution you need.

Here in northern NJ there are at least 6 repeaters I can hit with
my 50 watt TS-690 on 6M. Most require the tone (PL) to activate.
Many of these repeaters are crossband linked to 440 machines also.

The recent introduction of several new 6m units, an HT and a
mobile 6M FM units by Azden and the new TS-60 by Kenwood should
do alot for 6M FM operation (as well as other modes).

> ARE REPEATERS USED? There are a few 6m repeaters listed in the ARRL
> Repeater Directory, but some of them are not operational. This will
> depend on your area. The offset in the U.S. is usually one MHz.
> (e.g. 53.330 out, 52.330 in)

See comments above. From my on-the-air testing the 6M repeaters
in NNJ seem to be there.

> DO I NEED A BEAM ANTENNA? If you want to work DX, yes. You can
> have fun with a vertical during openings,

All I'm using for the moment is a 6M vertical J-Pole that is
made completely out of RG-58.

> WHAT RIGS ARE USED? Probably 50% of the active stations have 80 to
> 150 watt output, either from old Icom 551D s (the 551 is 10W), or
> from solid-state (brick) amplifiers following the many types of 10W
> rigs, such as the Yaesu Ft-620B or the Kenwood TS-600.

If you are in the market for a new HF rig (as I recently was) opting
for a rig with 6M doesn't add additional cost anywhere near as much as
buying a separate 6M rig would. Check out the incremental cost
difference between the TS-450S (HF, no 6M) and the TS-690S (same
rig as the TS-450 but with the 6M band, all modes).

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

Date: Sun, 17 Apr 1994 07:43:18 GMT
From: netcomsv!netcom.com!parker@decwrl.dec.com
To: info-hams@ucsd.edu

References <1994Apr16.175444.11092@nnnptd2.cxo.dec.com>,
<2opkhq\$7kg@safety.ics.uci.edu>, <2opl3m\$7mi@safety.ics.uci.edu>com
Subject : Re: Proposed Illinois law to pre-empt antenna restrictions

turner@safety.ics.uci.edu (Clark Savage Turner) writes:

>One more thing.....

[stuff deleted]

>Shoot, if I was on the Supreme Court, I'd fix this mess and we would all
>enjoy a more realistic balance of Amateur Radio antenna rights versus the
>health and safety of the public.

>Clark
>WA3JPG

Well, Clark, maybe Clinton should think about nominating you for the spot...
I'll put the good word in. 8-) BTW, how have you been? I haven't talked
with you in a long time. Drop me an email.

--

```
-----  
| Andrew Parker          | KD6TGM          | parker@netcom.com |  
|-----  
| This signature is extra lean. It will not contain more than 15% fat. |  
|-----  
-----
```

Date: (null)

From: (null)

To have a State legislate that its own arms of government should not
violate Federal Law is a funny concept, and may keep the focus off the
more important (and permanent) solution: Federal enforcement.

I worry that in the long run, the State laws and efforts may keep the focus
away from the real issues - that States and municipalities have absolutely
NO business legislating either for or against amateur radio as it is Federally
constituted.

What would be ideal in my opinion is that some State legislates AGAINST
amateur radio in a clear violation of Federal Law, then have a Federal
Court rule against them. If the Supreme Court ever ruled in our favor
then that would probably be the END of the whole mess for us. (Yes,
could be a high price and long wait for the hams under the gun of the
law and the financial burden of the case, but in the ideal situation
it would solve the problem.)

Just my two cents.

Clark
WA3JPG

End of Info-Hams Digest V94 #425
